"International Program for Realising the Sustainable Development Goals in Asian and African River Basin", University of Yamanashi, Japan

1. Outline

"International Program for Realising the Sustainable Development Goals in Asian and African River Basin" in University of Yamanashi, which is selected as the "International Priority Graduate Program (PGP) -Advanced Graduate Courses for International Students-" supported by Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan. This course is managed by world top-class researchers on environmental sciences, medicine, economics and informatics, and covers wide range of study fields required for practical resolution of region-specific environmental issues.

2. Supervisors

I: Hydrology & Climate Change

ISHIDAIRA Hiroshi (Prof): hydrological modelling, water resources, remote sensing.

SOUMA Kazuyoshi (Assoc Prof): extreme weather forecast, urban activity information, meteorological and hydrological modelling, artificial intelligence

MAGOME Jun (Assoc Prof): hydrological modelling, remote sensing, climate change, GIS

II: Water Chemistry & Pollution Analysis

NISHIDA Kei (Prof, Director): nutrient cycle, health impact

NAKAMURA Takashi (Assoc Prof): groundwater and river water quality, tracer hydrology

III: Microbiology & Environmental Technology

HARAMOTO Eiji (Prof): health-related water microbiology, microbial source tracking, wastewater-based epidemiology

TOYAMA Tadashi (Prof): wastewater treatment, biomass production

KAMEI Tatsuru (Assist Prof): wastewater treatment

IV: Social, Economics, Medical Assessment, informatics and others

MUTO Shinichi (Prof): microeconomics

WATANABE Mikihiko (Prof): economic analyses on biodiversity conservation and the resilient society

NAKAO Atsuhito (Prof): immunology

YAMAGATA Zentaro (Prof): social medicine

YOKOMICHI Hiroshi (Assoc Prof): social medicine

MNISHIDA Kei: public health, wellbeing, resource management

MAO Xiaoyang (Prof): image processing, computer graphics, virtual reality / augment reality, visualization